

## NOTICE AND AGENDA OF MEETING OF THE ARIZONA POWER PLANT AND TRANSMISSION LINE SITING COMMITTEE


Pursuant to A.R.S. § 38-431.02, notice is hereby given to the members of the Arizona Power Plant and Transmission Line Siting Committee and to the general public that the Arizona Power Plant and Transmission Line Siting Committee will hold a meeting open to the public on February 22, 2005, starting at the Surprise, Arizona APS Office at 9:30 a.m. The APS Office is located at 16800 North Dysart Road (south of Bell on Dysart Road). At the meeting, the Arizona Power Plant and Transmission Line Siting Committee may receive evidence and/or public comment, consider, discuss, deliberate, and/or vote on the items on the agenda.

The agenda for the meeting is as follows:

1. In the matter of the application of Arizona Public Service Company in conformance with the requirements of Arizona Revised Statutes, Section 40-360, et seq., for a Certificate of Environmental Compatibility authorizing the West Valley North 230kV Transmission Line Project, including the construction of approximately 25 miles of 230kV transmission lines and two substations in Maricopa County, Arizona, originating at the TS2 substation in Section 25 Township 3 North, Range 2 West, G&SRB&M, and continuing to the proposed TS1 substation in Section 20, Township 4 North, Range 2 West, G&SRB&M, and terminating at the proposed TS5 substation in Section 29, Township 4 North, Range 4 West, G&SRB&M, Docket No. L-00000D-04-0127, Case No. 127.
2. The Committee will tour the proposed and alternate routes for the project. The Committee will travel via passenger van along the route, following an itinerary which is attached. A detailed description of the tour routes and itinerary, including a map, is on file at the Office of the Executive Secretary at the Arizona Corporation Commission. Members of the public may follow the Committee's tour by use of their own private vehicles. The Committee will not conduct discussions or any verbal deliberations during the tour. The Chairman of the Committee will make any procedural decisions concerning stops at different points of interest.

DATED this 11<sup>th</sup> day of February, 2005.

ARIZONA POWER PLANT AND TRANSMISSION  
LINE SITING COMMITTEE

  
Laurie A. Woodall, Chairman

Persons with a disability may request a reasonable accommodation, such as a sign language interpreter, by contacting Shelly Hood, voice phone number (602) 542-3931, E-Mail [shood@cc.state.az.us](mailto:shood@cc.state.az.us). Requests should be made as early as possible to arrange the accommodation.

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## **APS West Valley–North Power Line and Substation Project Preferred System Option Tour Itinerary**

The following itinerary presents the APS Preferred System Option and alternative options. The tour begins at the location of the proposed TS5 substation site, travels east toward the TS1 substation site, and then proceeds south toward the TS2 substation site (certificated in the West Valley-South Power Line and Substation Project [WVS], Case No. 122).

### ***Meeting Place:***

APS Office  
16800 North Dysart Road (South of Bell on Dysart Road)  
Surprise, AZ

### ***General Location Description:***

To get to the APS Surprise Service Center exit Loop 101 West at Bell Road and go west to Dysart Road (if you get to Grand Avenue you have gone too far). Turn left on Dysart Road and the building is on the right side next to the Surprise 230kV substation.

### ***Meeting Date and Time:***

~~February 22, 2004 at 9:00 AM~~ FEBRUARY 22, 2005 @ 9:30 AM

### **TOUR AGENDA (BEGINNING FROM THE PROPOSED TS5 SUBSTATION SITE)**

- Sun Valley Parkway west to the proposed TS5 substation site
- Preferred System Option crossing to the north side of the Central Arizona Project (CAP) Canal
- Preferred System Option crossing of the CAP Canal at 243<sup>rd</sup> Avenue
- Preferred System Option and the existing 500kV transmission line corridor
- TS1 substation site—north of the existing 500kV transmission line corridor and west of the Northwest Regional Landfill
- Sun Valley Parkway/McMicken Dam
- Preferred System Option alignment—west of McMicken Dam, south along Crozier Road
- McMicken Dam and Greenway Road, east to Loop 303
- Waddell Road alignment (East-West Alternative Option 3)
- Preferred System Option alignment along Cactus Road
- Preferred System Option crossing of McMicken Dam and Beardsley Canal
- Preferred System Option alignment along Loop 303
- Peoria Avenue (East-West Alternative Option 2) and Cotton Lane (North-South Alternative Option 1)
- TS2 substation site (certificated in the WVS Project, Case No. 122 and point of origin for the WVN Project, Case No. 127)
- Olive Avenue (East-West Alternative Option 1)

### **DRIVING DIRECTIONS (See attached map of an aerial photo derived from Figure 2 of the CEC application):**

#### **AREA #1**

#### **PROPOSED TS5 SUBSTATION SITE**

From the Surprise Service Center, head north on Dysart Road to Bell Road. Head west on Bell Road. Once atop the McMicken Dam, continue west along the Sun Valley Parkway (Bell Road) for approximately 13 miles and

turn north onto 287<sup>th</sup> Avenue. Head north along 287<sup>th</sup> Avenue (dirt road) for approximately 1.25 miles to the CAP Canal. Once at the CAP Canal, head west, following the dirt road along the south side of the canal for approximately 0.5 mile, arriving at Area #1.

*Features to note near Area #1*

- 1.1 *Location of the proposed TS5 substation site*
- 1.2 *Approved development of Sun City Festival development, under construction to the east (approximately 255<sup>th</sup> Avenue and Union Hills alignment)*
- 1.2 *Hassayampa Pump Station*
- 1.3 *Hassayampa River Corridor*
- 1.4 *CAP Canal*

**AREA #2**

**PREFERRED SYSTEM OPTION ALIGNMENT PARALLELING THE CAP CANAL**

From the proposed TS5 substation site, head north toward the CAP Canal, then follow the dirt road along the canal to where the existing 500kV line crosses the canal to the northwest. Head north across the canal (crossing located at milepost 21.8, as noted on the route tour map), arriving at Area #2.

*Features to note near Area #2*

- 2.1 *Approved developments of Spurlock Ranch (approximately 267<sup>th</sup> Avenue and Deer Valley Road alignment) and Festival Ranch (approximately Turner Road and Deer Valley Road alignment, located north of the CAP Canal)*
- 2.2 *Screening potential of the CAP Canal from the south*

**AREA #3**

**CROSSING OF THE CAP CANAL TO THE SOUTH ALONG THE EXISTING FIBER OPTIC LINE (I.E., 243<sup>RD</sup> AVENUE)**

Head north across the CAP Canal and travel along the service road on the north side; follow the CAP Canal for approximately 3 miles to Area #3.

*Features to note near Area #3*

- 3.1 *Existing fiber optic line*
- 3.2 *Development of Sun City Festival to the west*

**AREA #4**

**PREFERRED SYSTEM OPTION ALIGNMENT ALONG EXISTING 500KV TRANSMISSION LINE CORRIDOR**

Head south across the CAP Canal and travel along the fiber optic corridor for approximately 1 mile to Area #4.

*Features to note near Area #4*

- 4.1 *Existing 500kV transmission line corridor*
- 4.2 *Sun Valley Parkway (designated as recreational and scenic corridor) approximately 1 mile to the south of area #4*

## **AREA #5**

### **PROPOSED TS1 SUBSTATION SITE**

From Area #4, head north back over the CAP Canal and continue north on 243<sup>rd</sup> Avenue for approximately 3 miles. Turn east on Jomax Road (dirt road), and then take the first road to the north (235<sup>th</sup> Avenue). Take 235<sup>th</sup> Avenue north to Patton Road. Turn east on Patton Road and continue until U.S. 60 (Grand Avenue). From Grand Avenue, head southeast to Deer Valley Road and turn right (southwest). Continue along Deer Valley Road (past the Northwest Regional Landfill) and then turn to the south, arriving at the proposed TS1 substation site (Area #5).

#### *Features to note near Area #5*

- 5.1 *McMicken Substation (69kV)*
- 5.2 *Northwest Regional Landfill*
- 5.3 *Adjacent 500kV corridor*
- 5.4 *The proposed TS1 substation site and surrounding lands are planned for industrial and mixed-use land uses*
- 5.5 *Approved development of Fox Trails, located approximately 1.5 miles west of the proposed TS1 substation site (211<sup>th</sup> Avenue and the existing 500kV transmission line corridor)*

## **AREA #6**

### **SUN VALLEY PARKWAY FROM MCMICKEN DAM**

From Area #5, head back to Grand Avenue and turn right (southeast) on Grand Avenue. Take Grand Avenue to Loop 303 and continue southbound on Loop 303 to Bell Road. Take Bell Road west to McMicken Dam, arriving at Area #6.

#### *Features to note near Area #6*

- 6.1 *McMicken Dam*
- 6.2 *Maricopa County Regional Trail Corridor linking White Tank Mountain Regional Park to the Lake Pleasant Regional Park*
- 6.3 *Potential future development of Zanjero Trails Development (South side of Bell Road and east of McMicken Dam)*

## **AREA #7**

### **PREFERRED SYSTEM OPTION ALIGNMENT WEST OF MCMICKEN DAM**

Head west along the Sun Valley Parkway for approximately 0.5 mile, then turn south on Crozier Road (dirt road). Travel south for approximately 1 mile (road will turn east), arriving at Area #7.

#### *Features to note near Area #7*

- 7.1 *McMicken Dam to the east*
- 7.2 *White Tank Mountain Regional Park approximately 1.5 miles west of Area #7*
- 7.3 *City of Surprise 2030 transportation planning has identified a major roadway west of the McMicken Dam and east of the White Tank Mountain Regional Park (approximate alignment along 195<sup>th</sup> Avenue/ Jackrabbit Trail, heading south from the Sun Valley Parkway)*

## **AREA #8**

### **WADDELL ROAD ALIGNMENT**

From Area #7, head east toward McMicken Dam. Once over the dam, continue east to Loop 303 (approximately 3 miles). Head south on Loop 303 and turn west on Waddell Road. Continue west on Waddell Road for approximately 2.25 miles, arriving at area #8.

*Features to note near Area #8*

- 8.1 *Existing residential development on north side of Waddell Road*
- 8.2 *Approved development of Sarah Ann Ranch (1/2 section between Cotton Lane and Citrus Road), the potential developments of Cactus Lane Ranch (Citrus Road west for approximately 0.75 mile) and Zanjero Trails (west of the potential Cactus Lane Ranch development)*

## **AREA #9**

### **PREFERRED SYSTEM OPTION PARALLELING THE CACTUS ROAD ALIGNMENT**

From Area #8, head east back on Waddell Road to Loop 303 and turn south. Continue south on Loop 303 to Cactus Road, arriving at Area #9.

*Features to note near Area #9*

- 9.1 *Vacant/undeveloped land*
- 9.2 *Approved development of Sarah Ann Ranch (1/2 section between Cotton Lane and Citrus Road), and potential future developments of Emerald (Cotton Lane and Cactus Road), Cactus Lane Ranch (Citrus Road west for approximately 0.75 mile) and Zanjero Trails (west of Cactus Lane Ranch development).*
- 9.3 *Approved development of Sycamore Farms (Sarival Road to Cotton Lane) and the potential future developments of Cactus Lane Ranch (Cotton Lane to Perryville Road) and Zanjero Trails (Perryville Road to Beardsley Canal).*

## **AREA #10**

### **PREFERRED SYSTEM OPTION CROSSING OF MCMICKEN DAM AND TURN TO THE NORTH**

From Area #9, head west along Cactus Road (dirt road) for approximately 2.8 miles, arriving at the Beardsley Canal (Area #10).

*Features to note near Area #10*

- 10.1 *McMicken Dam*
- 10.2 *Beardsley Canal*

## **AREA #11**

### **PREFERRED SYSTEM OPTION ALIGNMENT ALONG LOOP 303**

From Area #10, head east on Cactus Road to Loop 303. Take Loop 303 south to Peoria Avenue, arriving at Area #11.

*Features to note near Area #11*

- 11.1 *Future commercial area for the approved development of Sycamore Farms (Sarival Road to Cotton Lane)*

- 11.2 *Potential future development of Cactus Lane Ranch (Loop 303 to Cotton Lane)*
- 11.3 *Loop 303*

## **AREA #12**

### **PEORIA AVENUE AND COTTON LANE ALIGNMENTS**

Head west from Loop 303 on Peoria Avenue (Area #11) for approximately 2.6 miles, arriving at Area #12. Approximately 0.5 mile west of Loop 303 is Cotton Lane where the North-South alternative option 1 is located.

*Features to note near Area #12*

- 12.1 *Potential future development of Cactus Lane Ranch (northwest of Cotton lane and Peoria Avenue)*
- 12.2 *Existing residential developments (south side of Peoria Avenue)*

## **AREA #13**

### **TS2 SUBSTATION SITE (CERTIFICATED IN THE WVS PROJECT, CASE NO. 122)**

From Perryville Road and Peoria Avenue (Area #12), go east to Loop 303. Take Loop 303 south to Olive Avenue, arriving at Area #13.

*Features to note near Area #13*

- 13.1 *Location of the proposed TS2 substation site*
- 13.2 *Future roadway design plans for (a) the Loop 303 southbound off-ramp proposed for the northwest corner of Olive Avenue and Loop 303, and (b) a super road (Northern Super Street) proposed southeast of that intersection, between Olive and Northern Avenues.*
- 13.3 *Potential future development of Cactus Lane Ranch (north side of Olive Avenue west of Loop 303 to Cotton Lane), and the approved developments of Zanjero Pass (east of Citrus Road for approximately 0.5 mile), Cortessa (Citrus Road to Perryville Road)*

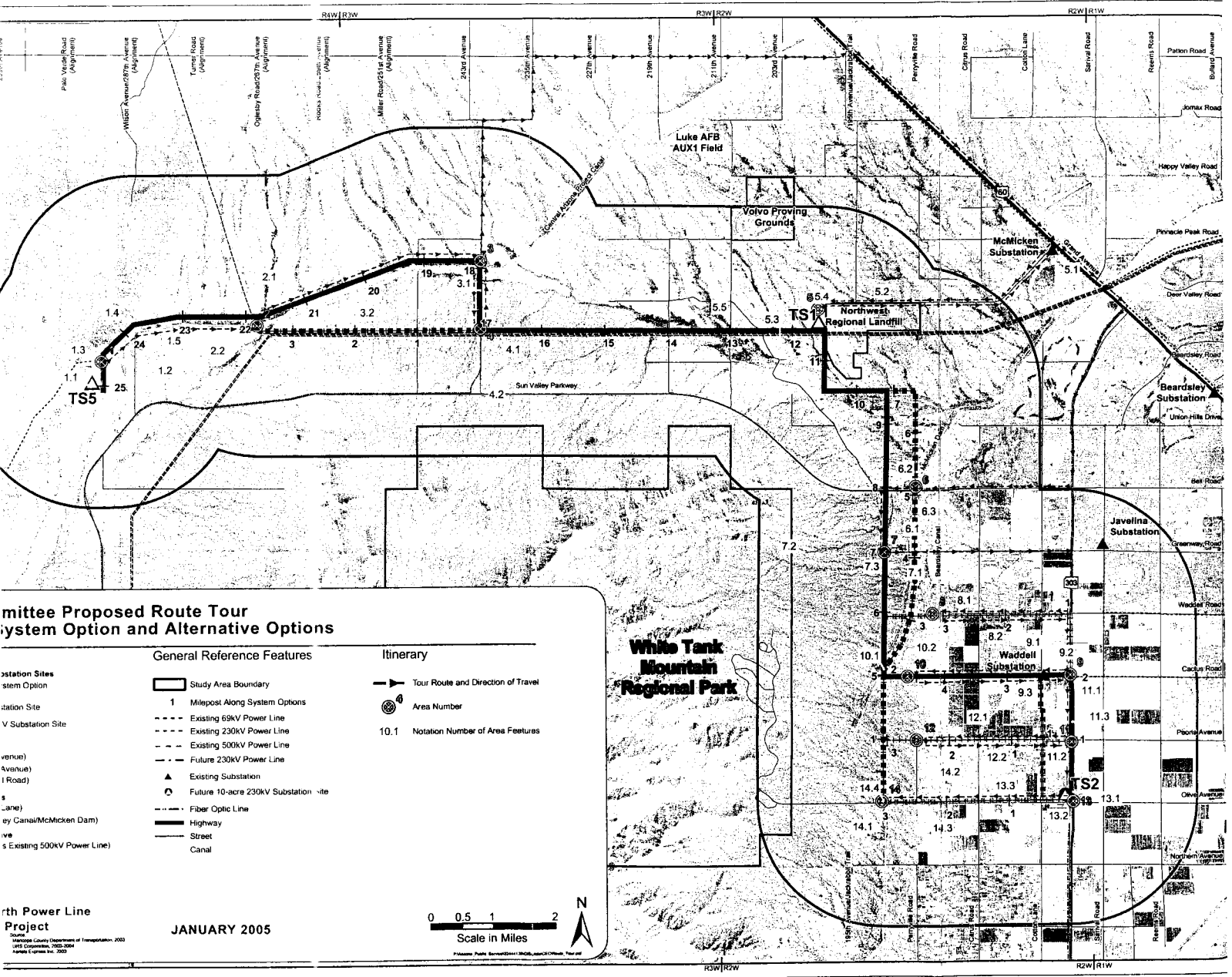
## **AREA #14**

### **OLIVE AVENUE ALTERNATIVE ALIGNMENT**

Head west from Loop 303 and Olive Avenue (Area #13) for approximately 3 miles to the Beardsley Canal, arriving at Area #14.

*Features to note near Area #14*

- 14.1 *Existing residential development on the south side of Olive Avenue*
- 14.2 *Cortessa development underway with construction on the north side of Olive Avenue*
- 14.3 *Approved development of White Tank Foothills (south side from Citrus Road to Perryville Road) and the potential future development of Zanjero Trails (Perryville Road west to the Beardsley Canal on the north and south side of Olive Avenue)*
- 14.4 *Point of origin for the North-South Alternative Option 2 (McMicken Dam/Beardsley Canal)*



**mittee Proposed Route Tour  
ystem Option and Alternative Options**

- Station Sites**
- System Option
  - Station Site
  - V Substation Site
  - venue)
  - Avenue)
  - I Road)
  - s
  - ane)
  - y Canal/McMicken Dam)
  - ive
  - s Existing 500kV Power Line)

**General Reference Features**

- Study Area Boundary
- 1 Milepost Along System Options
- Existing 69kV Power Line
- Existing 230kV Power Line
- Existing 500kV Power Line
- Future 230kV Power Line
- Existing Substation
- Future 10-acre 230kV Substation Site
- Fiber Optic Line
- Highway
- Street
- Canal

**Itinerary**

- Tour Route and Direction of Travel
- Area Number
- 10.1 Notation Number of Area Features

**North Power Line  
Project**

**JANUARY 2005**



Maricopa County Department of Transportation, 2003  
S&B Corporation, 2003-2004  
Parsons Corporation Inc. 2003

Parsons Public Service Division, 2003-2004